# Baofeng UV-82 Step-by-Step Programming Guide

**Also applies to UV-82L, UV-82X, UV-82C, UV-89**

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## Set the radio to communicate with a repeater at 147.080+ MHz, 77.0 Hz

0. **Turn on the radio and make sure it's unlocked**
1. **If the radio is in channel mode, turn off the radio, then press and hold MENU while turning on the radio**
2. **Select the upper display**

   **EXIT/AB**
3. **Set the frequency**

   **1 - 4 - 7 - 0 - 8 - 0**
4. **Turn off the TDR**

   **MENU - 7 - MENU - OFF - MENU - EXIT/AB**
5. **Set the repeater offset**

   **MENU - 26 - MENU - 00600 - MENU - EXIT/AB**
6. **Set the repeater shift direction**

   **MENU - 25 - MENU - + - MENU - EXIT/AB**
7. **Set the transmit tone frequency**

   **MENU - 13 - MENU - 770 - MENU - EXIT/AB**
8. **Set the transmit power level**

   **MENU - 2 - MENU - HIGH - MENU - EXIT/AB**

***Your radio is now set to transmit as specified***

## Store the current repeater and tone settings in a memory channel

0. **Follow the procedure above to set your radio for the frequency of your choice**
1. **Clear target memory channel 37**

   **MENU - 28 - MENU - 37 - MENU - EXIT/AB**
2. **Store the frequency in channel 37**

   **MENU - 27 - MENU - 37 - MENU - EXIT/AB**

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   **MENU - 27 - MENU - 37 - MENU - EXIT/AB**

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***The frequency is now stored in radio memory***

## Recall a stored memory setting

0. **Turn on the radio and make sure it's unlocked**
1. **If the radio is in frequency mode, turn off the radio, then press and hold MENU while turning on the radio**
2. **Press the up or down arrows or enter the three-digit channel number (all three digits)**

   **0 - 3 - 6**

***The stored channel is now ready for use***

## Set the radio to communicate at 146.740 MHz simplex

0. **Turn on the radio and make sure it's unlocked**

1. **If the radio is in channel mode, turn off the radio, then press and hold MENU while turning on the radio**

2. **Select the upper display**

   **EXIT/AB**

3. **Set the frequency**

   **1 - 4 - 6 - 7 - 4 - 0**

4. **Turn off the TDR**

   **MENU - 7 - MENU - OFF - MENU - EXIT/AB**

5. **Turn off the repeater shift direction**

   **MENU - 25 - MENU - OFF - MENU - EXIT/AB**

6. **Set the transmit power level**

   **MENU - 2 - MENU - HIGH - MENU - EXIT/AB**

7. **Clear target memory channel 5**

   **MENU - 28 - MENU - 5 - MENU - EXIT/AB**

8. **Store the frequency in channel 5**

   **MENU - 27 - MENU - 5 - MENU - EXIT/AB**

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   **MENU - 27 - MENU - 5 - MENU - EXIT/AB**

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***The simplex frequency is now stored in radio memory***